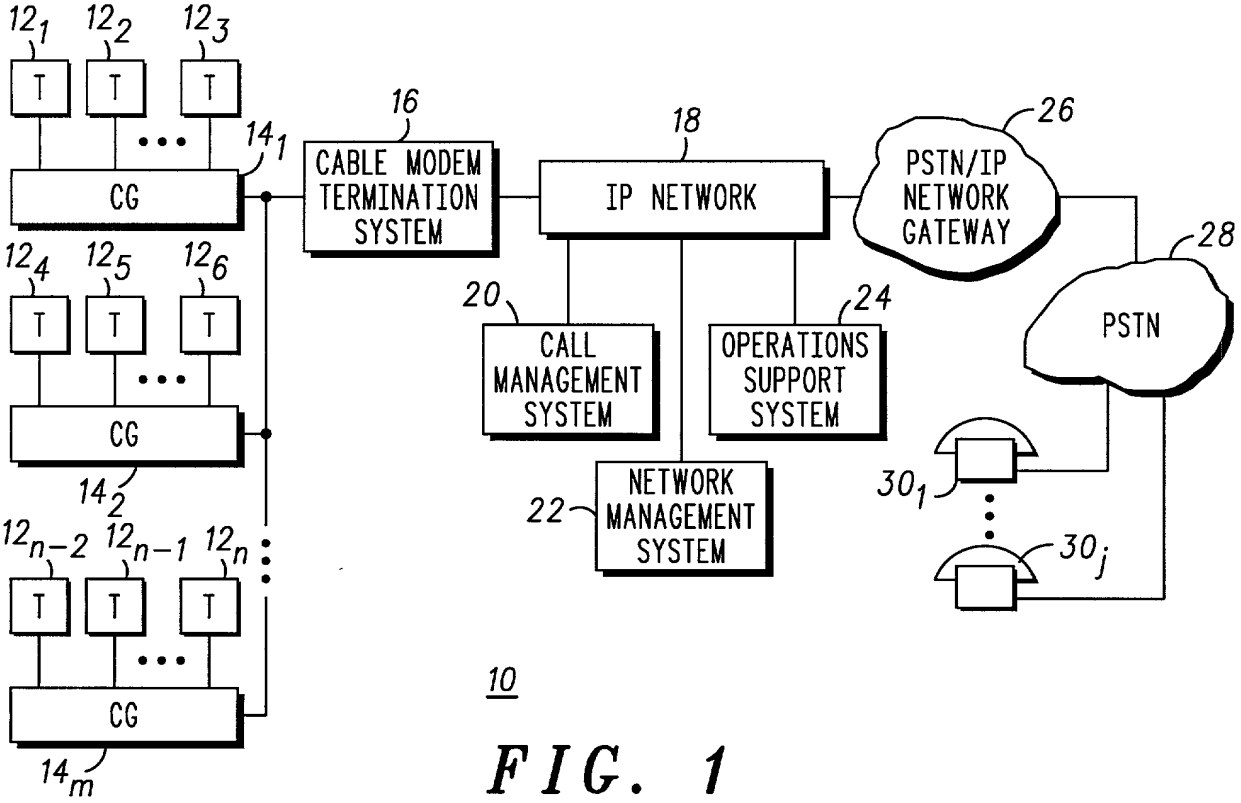
12 1
12 2
12 3
T
T
T
14 1
CG
16
CABLE MODEM TERMINATION SYSTEM
18
IP NETWORK
26
PSTN/IP NETWORK GATEWAY
28
PSTN
12 4
12 5
12 6
T
T
T
CG
14 2
20
CALL MANAGEMENT SYSTEM
24
OPERATIONS SUPPORT SYSTEM
22
NETWORK MANAGEMENT SYSTEM
30 1
30 j
12 n-2
12 n-1
12 n
T
T
T
CG
14 m
10

FIG. 1

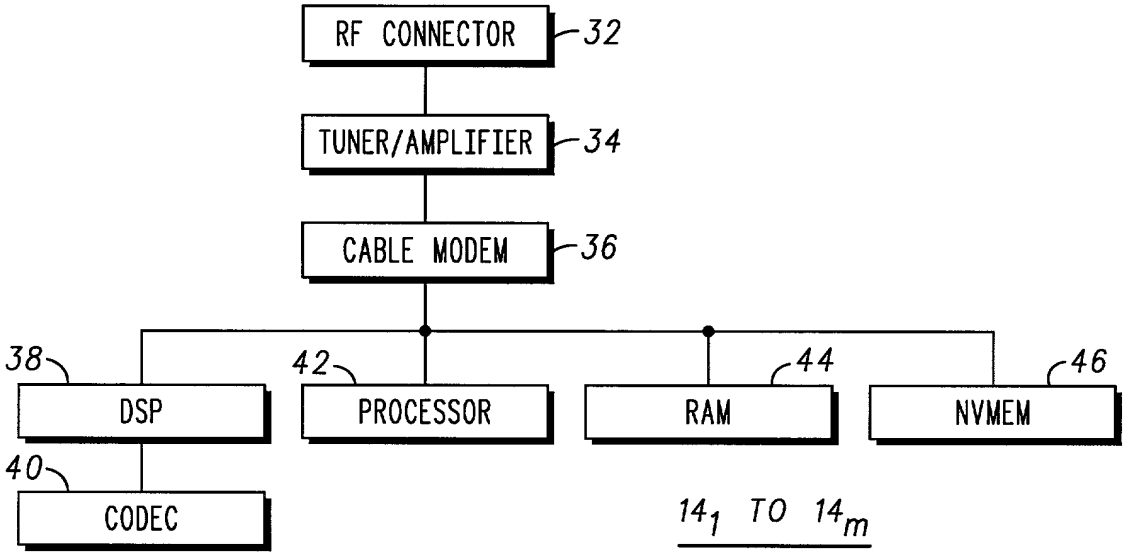
RF CONNECTOR
32
TUNER/AMPLIFIER
34
CABLE MODEM
36
38
DSP
42
PROCESSOR
44
RAM
46
NVMEM
40
CODEC
14 1 TO 14 m

FIG. 2

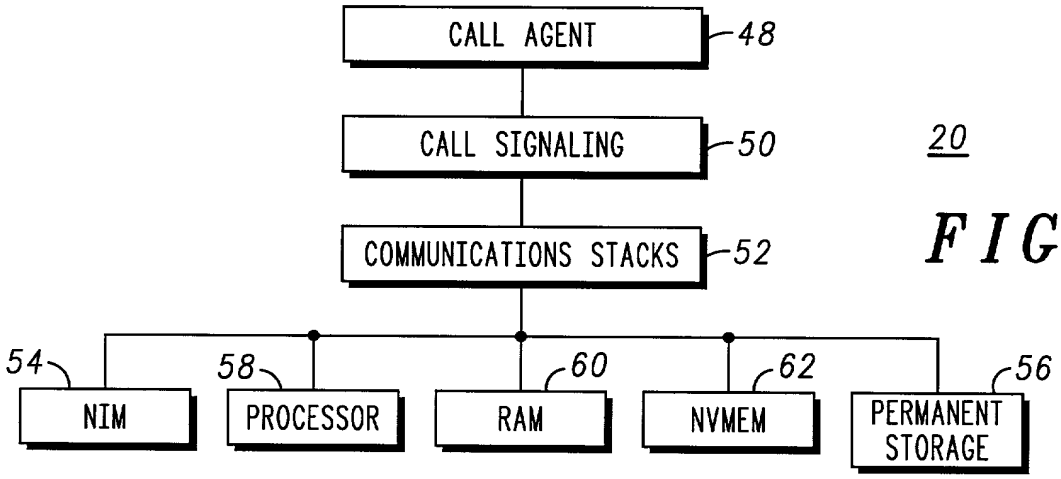

FIG. 3

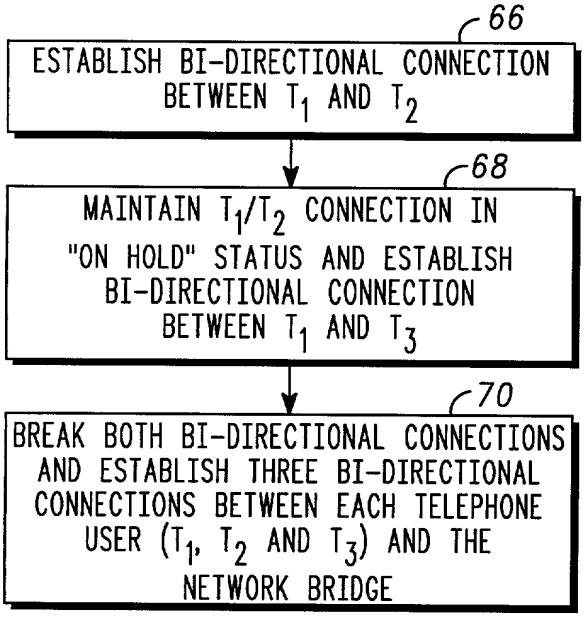

FIG. 4A

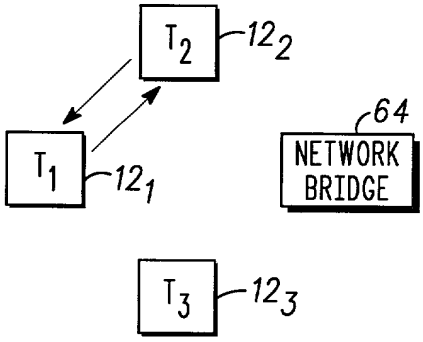

FIG. 4B

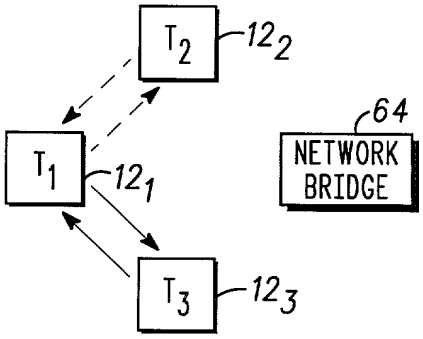

FIG. 4C

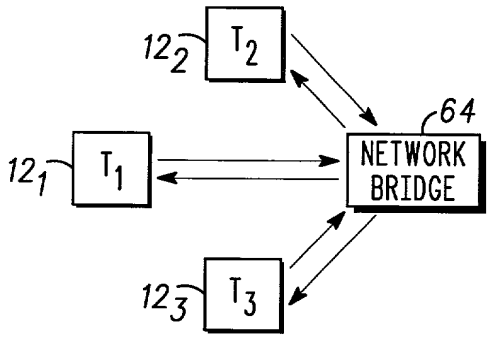

FIG. 4D

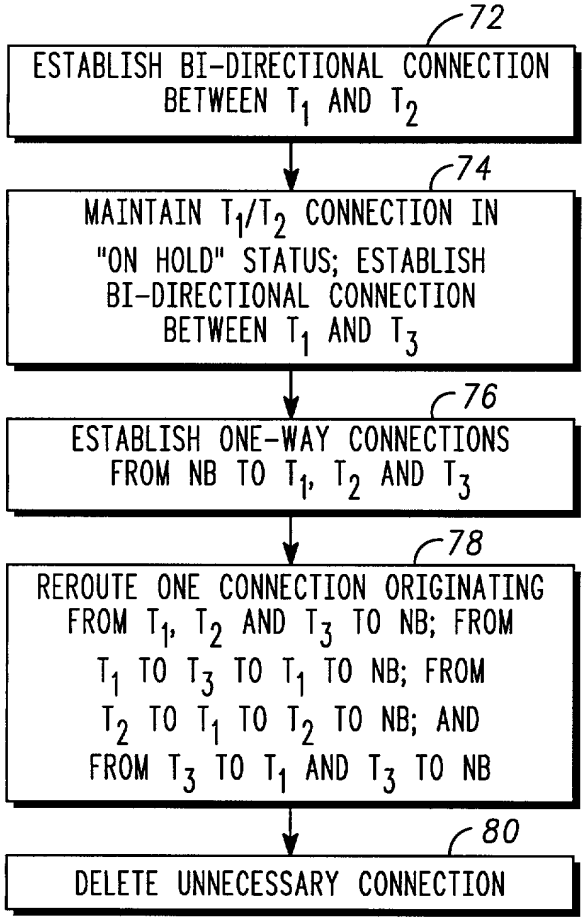

FIG. 5A

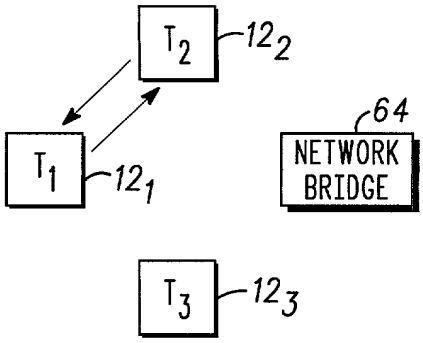

FIG. 5B

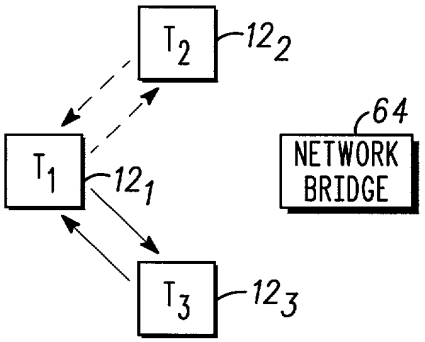

FIG. 5C

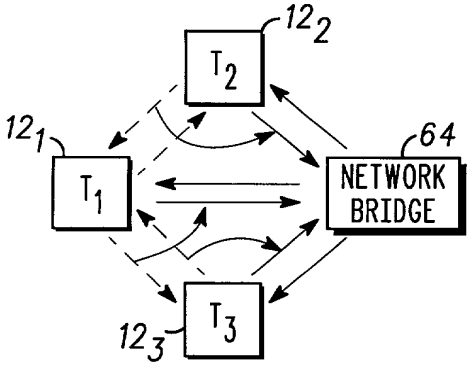

FIG. 5E

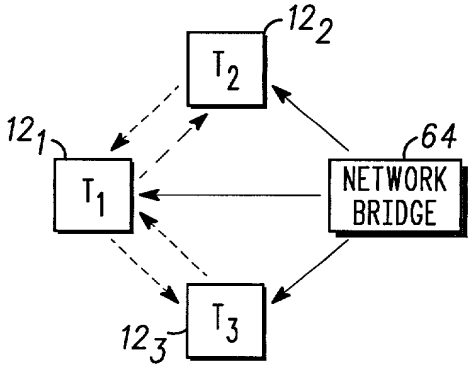

FIG. 5D

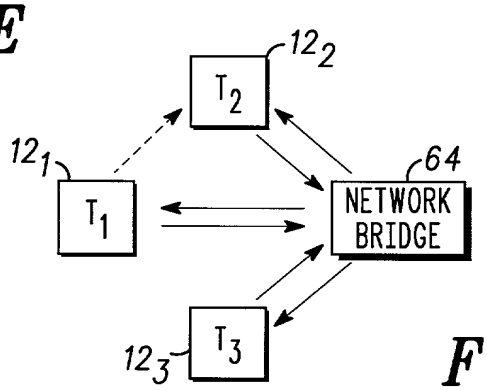

FIG. 5F

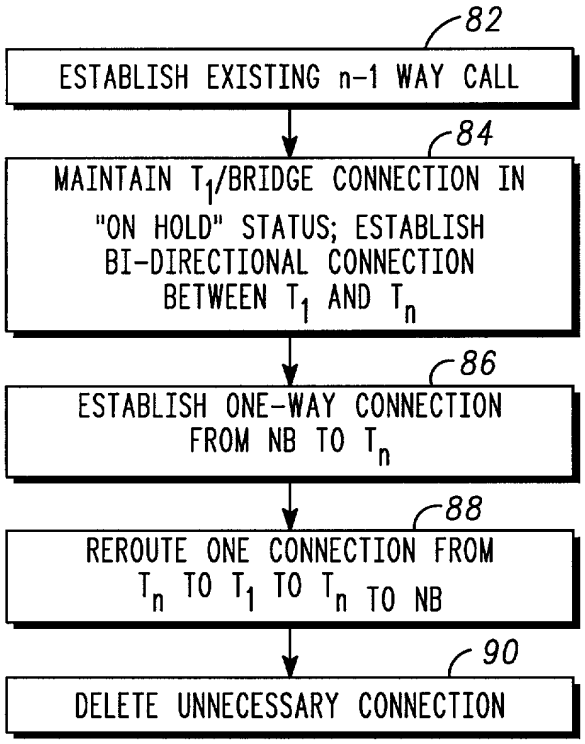

FIG. 6A

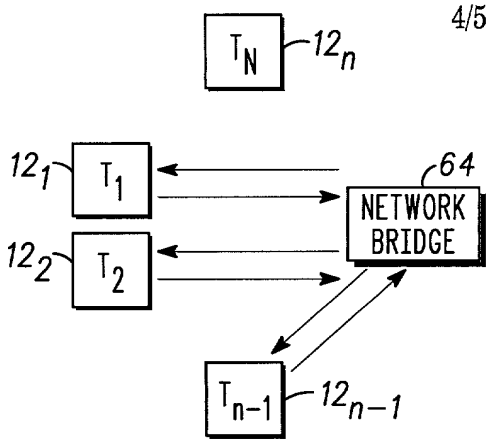

FIG. 6B

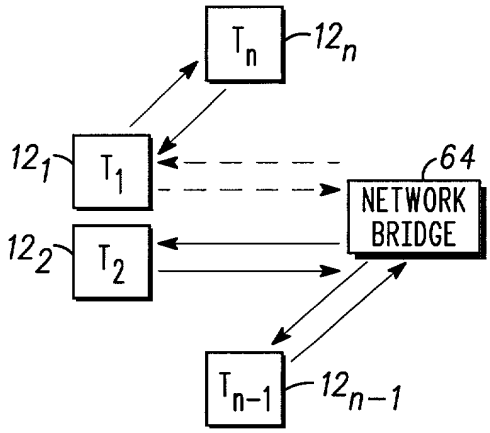

FIG. 6C

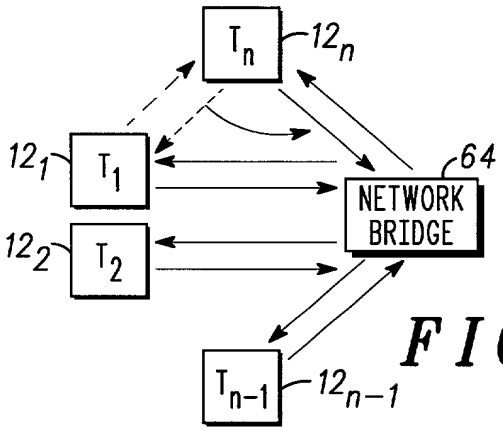

FIG. 6E

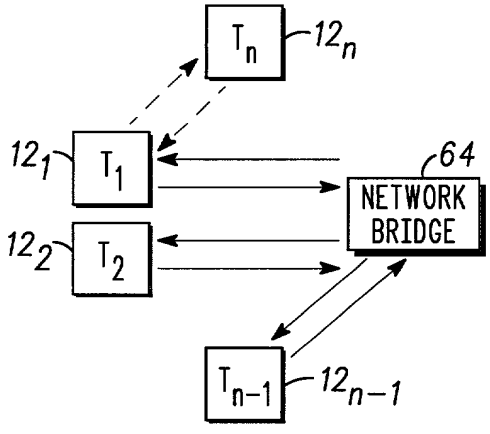

FIG. 6D

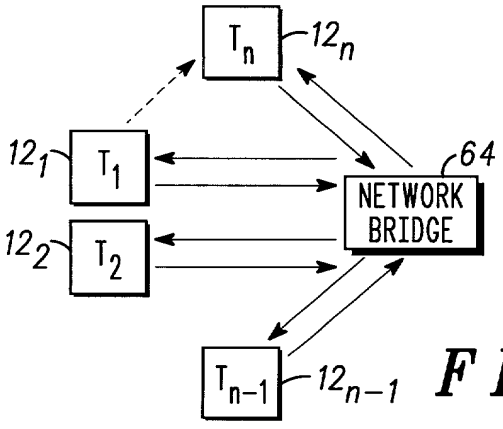

FIG. 6F

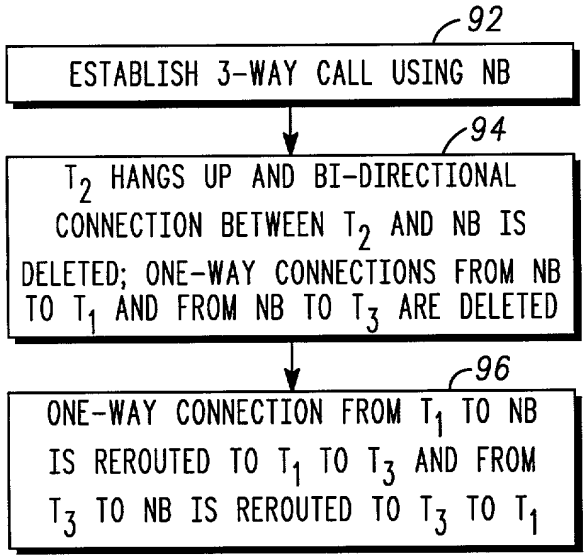

FIG. 7A

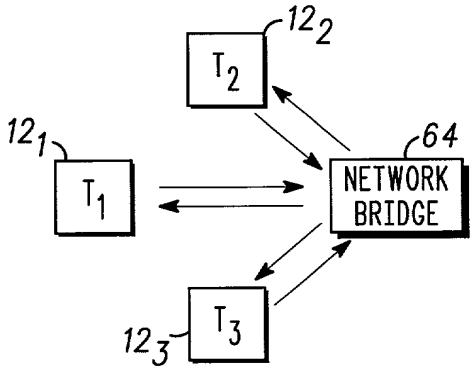

FIG. 7B

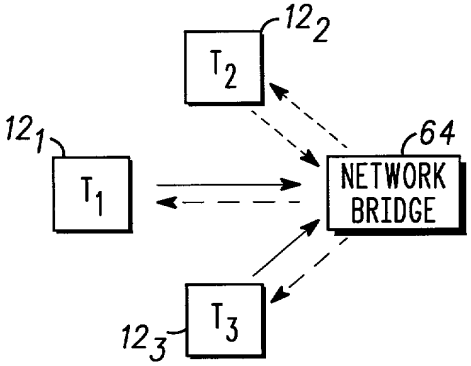

FIG. 7C

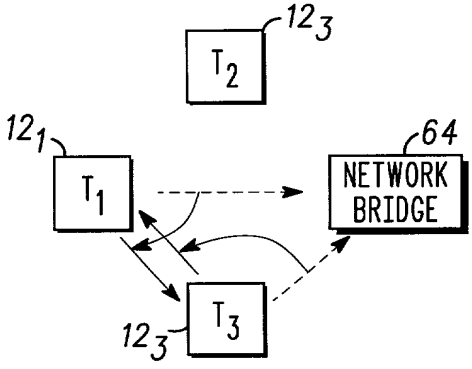

FIG. 7D